

ABSTRACT

The minimization or elimination of swelling in
lithium cells containing CF_x as part of the cathode
5 electrode and discharged under high rate applications is
described. When CF_x materials are synthesized from
fibrous carbonaceous materials, in comparison to
petroleum coke, cell swelling is greatly reduced, and in
some cases eliminated. Preferred precursors are carbon
10 fibers and MCMB.

15 BFLODOCS:521693_2 (B6JH01)

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